

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11)

EP 0 915 419 A2

(12)

## EUROPEAN PATENT APPLICATION

(43) Date of publication:  
12.05.1999 Bulletin 1999/19

(51) Int Cl.: G06F 9/46

(21) Application number: 98402351.5

(22) Date of filing: 24.09.1998

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE  
Designated Extension States:  
AL LT LV MK RO SI

(72) Inventors:  
• Ismael, Osman Abdoul  
38000 Grenoble (FR)  
• Rigori, Serge Andre  
Provezieux 38120 (FR)

(30) Priority: 06.10.1997 US 944396

(74) Representative: Harris, Ian Richard et al  
D. Young & Co.,  
21 New Fetter Lane  
London EC4A 1DA (GB)

(71) Applicant: SUN MICROSYSTEMS, INC.  
Palo Alto, California 94303 (US)

## (54) Remote object access

(57) Remote access to a target object, in particular a target bean object, is provided by generating a client object or objects forming a representation of a target object. The client object(s) identify(ies) methods of the target object which are accessible remotely and implements the remotely accessible methods. The target object is associated with a network adaptor for a network

protocol at the remote station. The client object is associated with a network adaptor for the network protocol at the client machine. A client application can then access the target object by instantiating the client object. The target object does not need to be modified or to include specific communications code to be manipulated by a remote object.

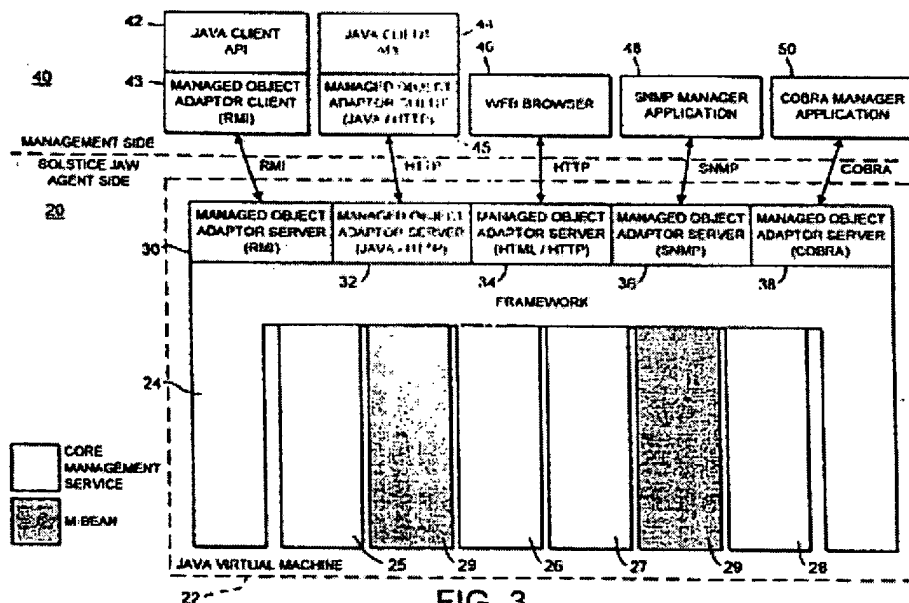


FIG. 3

EP 0 915 419 A2